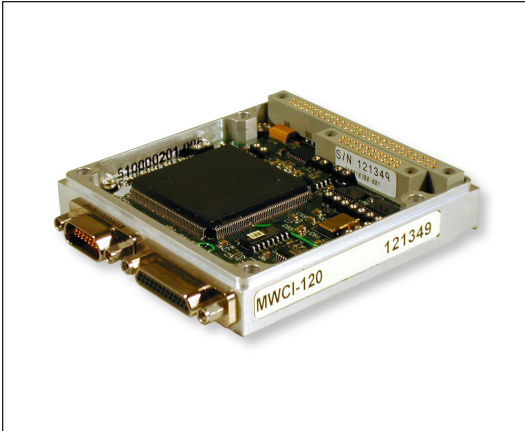


## Miniature Wideband CAIS Interface Module



### Applications

- Stand-alone Data Acquisition
- Distributed Systems
- CAIS Applications

### Features

- Operates as the PCM unit controller for a wideband acquisition unit operating at up to 20 Mbps
- Contains non-volatile EEPROM format memory with programmable simultaneous sample, frame, Bits per word, PCM code, and bit rate.
- Provides the fundamental system sampling rate up to 20 Mbps or 1.25 MSPS
- Supports calibration, and system audit
- RS232 interface port for format loading, programming, and data monitoring
- Allows the optional MCIF-105 module for CAIS programming, System Audit, Calibration signals, Simultaneous sample, and data selection from the MWCI PCM output.
- Fully supported by TTCWare programming and setup software

### Description

The MWCI-120 module provides the PCM Controller and Formatter functions for an MWDAU-2000HS as a stand-alone data acquisition unit. It provides all necessary control over format structure, channel sampling sequence and signal conditioning parameters within the MWDAU-2000HS stack.

Revision 05/13/2015

### MWCI-120 Datasheet

©2015 Teletronics - A Curtiss-Wright Company  
Specifications subject to change without notice.

Approved for Public Release 16-S-1017



CAIS  
Compatible



Management  
System  
AS9100C  
ISO 9001:2008

Teletronics - A Curtiss-Wright Company  
15 Terry Drive, Newtown, PA 18940  
phone: 267.352.2020 fax: 267.352.2021 Sales@ttcdas.com

[www.ttcdas.com](http://www.ttcdas.com)